

20GT/s PCIe Gen 2 Expansion System



The Adnaco-S5 PCIe Gen 2 Expansion System allows system integrators to operate one x1, x4, x8 and x16 PCIe Gen1/Gen2 card over fiber optic cable at distances up to 1 km from the location of the computer system. No additional host software drivers are required during installation or operation. Any type of PCI Express cards can be used including audio, video, graphics, USB, FireWire, SATA, data-acquisition, network and others. The system consists of 2 PCIe host/remote adapters, a fiber optic cable, and a PCIe backplane.

Product Features:

- Supports PCIe Gen1/Gen2 communication over fiber optic using x1, x2 and 4x lanes
- Host adapter can be installed into any PCIe x4, x8 and x16 slot
- Remote PCIe x16 connector wired electrically x4
- Remote backplane auto power on/off
- Backplane can be mounted in any standard ATX or MicroATX case
- Host processor and OS independent and tested with
 - Windows: XP x86, Win7 x86, Win7 x64
 - Linux x86/x64
 - Mac OS
 - VxWorks
- Optical isolation
- SFP transceivers with LC connectors
- Fiber optic cable length:
 - 1+ km single-mode at 2.5 GT/s or 5.0 GT/s
 - 250 m multi-mode at 2.5 GT/s
 - 100 m multi-mode at 5.0 GT/s

Ordering Information:

Part Number	Contents
Adnaco-S5-00	20GT/s PCIe Gen 2 Expansion System. Included parts <ul style="list-style-type: none"> • Adnaco-H2-00 host/remote adapter (without transceivers) – 2 pcs
Adnaco-S5-01-Y-XXX	20GT/s PCIe Gen 2 Expansion System. Included parts <ul style="list-style-type: none"> • Adnaco-H2-01-Y host/remote adapter – 2 pcs • Fiber optic cable FC1-Y-XXX – 1 pcs
Adnaco-S5-03-Y-XXX	20GT/s PCIe Gen 2 Expansion System. Included parts <ul style="list-style-type: none"> • Adnaco-H2-01-Y host/remote adapter – 2 pcs • Adnaco-RT4 backplane – 1 pcs • Fiber optic cable FC1-Y-XXX – 1 pcs

Component Information:

Part Number	Contents
Adnaco-H2-00	20GT/s PCIe Gen1/Gen2 host/remote adapter without transceivers
Adnaco-H2-01-Y	PCIe Gen1/Gen2 host/remote adapter with multi-mode transceivers Y – number of transceivers: 1, 2, 4
Adnaco-FC1-Y-XXX	LC-LC, multi-mode, 50/125 μ m, multi-fiber cable Y – number of duplex fibers: 1, 2, 4 XXX – cable length in meters: 010, 050

Other related documents: <http://www.adnaco.com/doc>

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